A welcome from Informa Tech

09:40 - 09:45
Initiate

Participants

Jackson Szabo - Portfolio Director, Informa Tech

Chairperson's welcome: scaling up AI innovation

09:45 - 10:00
Initiate

Forward-thinking businesses are now developing their own unique strains of AI innovation.

This has led to ground-breaking proofs-of-concepts - but how do you make the leap to the next level?

In his welcome address, Tim Ensor explains how to scale successful AI strategies and the future machine learning innovations that will revolutionize industry.

Participants

Tim Ensor - Director of Artificial Intelligence, Cambridge Consultants

Chairperson's Welcome

09:50 - 10:00
Innovate

Chair opening address

Chairperson's Welcome and Opening Remarks

09:55 - 10:10
Optimise

Participants

Jenalea Howell - AI Market Lead, Informa Tech

Trusting AI for good: How Rolls-Royce is moving beyond theory with practical, applied AI ethics for industry and beyond

10:00 - 10:30
Initiate

Participants

Warren East - Chief Executive Officer, Rolls-Royce

Chairperson's Welcome and Opening Remarks

10:00 - 10:10
Implement

Participants

Eline Chivot - Senior Policy Analyst, Center for Data Innovation

The Cognitive Enterprise: Data-driven and AI-driven Decision Making

10:00 - 10:30
Innovate

The enterprise of the future will change from experience-driven, leader-driven decision making to data-driven and AI-driven decision making. Organisational intelligence is the next generation of organisation.

Participants

Torbjørn Folgerø - Chief Digital Officer & SVP, Equinor

Chairperson's Welcome

10:00 - 10:10
Finance

Participants

Joost van der Burgt - Senior Policy Advisor - Artificial Intelligence, De Nederlandsche Bank

Chairperson's Welcome

10:00 - 10:10
Retail

Demystifying AI Implementation

10:10 - 10:40
Implement

- The secrets to successfully delivering complex international projects with AI
- Comparing the management of new AI initiatives in an online environment and on the clinical floor
- Overcoming project mistakes and clarifying lessons learnt

Participants

Emma Strömfelt - Chief Digital Officer, AniCura

Demystifying AI Ethics... Distilling it Down to What and Why

10:10 - 10:40
Optimise

Participants

Juan Bernabe-Moreno - Research Fellow for Responsible AI & Chief Data Officer, Oxford University & E.ON

Stop Talking, Start Delivering Value with Big Data and Artificial Intelligence

10:10 - 10:30
Finance

Enterprises that outperform, differentiate themselves and possess the agility to adapt to customer needs — rely on data and analytics and increasingly Artificial Intelligence.

They have a vision for purpose-driven, systematic, and scaled use of data to achieve opportunities for better customer and business outcomes.

For mature organizations, data analytics—together with artificial intelligence (AI) and/or machine learning — has the potential to solve complex business challenges beyond our imaginations.

Participants

Lisa Frazier - Chief Innovation Officer, Wells Fargo

The Next Step in AI at H&M Group

10:10 - 10:35
Retail

H&M will present how they are working towards becoming an industry leader in Advanced Analytics and AI. Which will give them a competitive advantage through superior customer experience, smart decision making, and efficient processes. They have spent the last few years going from limited and scattered efforts to a centralized department with more than 120 people delivering value on a daily basis with AI. In the talk you will get insights into some of their key learnings and knowledge about how they are working on transforming a company that was founded over 70+ years ago.

Participants

Errol Koolmeister - Head of AI, H&M

Why an Open, Hybrid Cloud Architecture is Essential to Your Customer's Experience

10:30 - 11:00
Initiate

Now more than ever, customers are relying on digital interactions with businesses, expecting them to be seamless and secure. Businesses in every single industry are working quickly to develop new and expanded ways to digitally engage with their customers while accelerating their shift to the cloud. As enterprises grapple with modernizing operations, the benefits of their digital transformation must be balanced by the certainty that it will bring sustainable value. Howard will talk about how a strong architecture strategy and deep industry expertise are critical to your hybrid cloud journey and digital transformation success. He will address key questions around why an open architecture matters as businesses embark on their digital journey and why hybrid cloud matters to bridge the gap between the new world of cloud and traditional technology investments.

Participants

Howard Boville - Senior Vice President, IBM Hybrid Cloud

Innovate Showcase - Part 1

10:30 - 10:55
Innovate

- Appeaty - What would you like to eat?, Ernesto De Marchi, Founder, Kemanji s.r.l.
- EVJA - the Intelligent Support System for Agriculture, Paolo Iasevoli, Chief Marketing Officer and Co-founder, Evja SRL
- Pigro - Knowledge AI Experience, Nicola Abbasciano, Sales and Marketing Director, Pigro srl

Responsible AI - Making Money Work for Everyone

10:30 - 10:50
Finance

Deploying AI is imminent for the business growth, however, Businesses needs careful management to prevent unintentional significant damage, not only to brand, more importantly to employees and society as a whole.

- Prioritize explainability and interpretability
- Make responsibility concrete and pervasive
- Minimizing bias
- EU Leading the way - Guideline on Competitive Advantage

Participants

Ritesh Jain - Former COO, Advisor, HSBC (Former), HBR, G20 GPFI, CFTE

AI-powered Skin Care: Beiersdorf's Approach to Personalized Consumer Experience

10:35 - 10:55
Retail

Finding the right product for your skin is difficult if you don't know what your skin actually needs. Combining 135 years of skin care expertise and the newest technology in the field of AI and computer vision, Beiersdorf has taken a big step towards personalized consumer experience.

Participants

Jasper Krog - Senior Global Digital Innovation Manager, NIVEA

Lara Kaesemann - Senior Consultant, Beiersdorf

Successfully Developing Products with AI at Its Core: Challenges and Lessons Learned

10:40 - 11:10
Implement

- Product thinking in a large corporate: what does that look like?
- Building the right product: how to avoid the trap of investing to much in an AI solution that doesn't work?
- The importance of experimentation in the development of AI products: how to combine delivery with discovery?
- Bringing AI into production: How to identify problems and solve them quickly?

Participants

Hanneke Stellink - Director, AI Products, ING

The Future of AI: Where Will AI Go in The Next 4 Years?

10:40 - 11:10
Optimise

Deep Learning has resulted in significant new applications of AI techniques at Google Cloud and across the industry, including smart agents, visual intelligence and automotive.

While all of these applications are creating new opportunities for people and businesses, AI can also create problems for the industry, if not implemented correctly.

In this session, Antonio Gulli, Engineering Director within the Office of The CTO at Google Cloud, will explore how Google is using AI to improve digital marketing, customer care, manufacturing operations and medical diagnosis for more than one-billion users.

He will also share real-world examples of deep learning use cases that enable improved recommendations, help companies better understand their customers, and drive engagement in the customer lifecycle.

Participants

Antonio Gulli - Engineering Director - Office of The CTO, Google Cloud

AI Operations - Learnings from managing the ML model lifecycle

10:50 - 11:10
Finance

As many banks are moving from experimentation to productionizing AI systems, they face new challenges. In an environment where responsible AI is the topic of the day, institutions are learning the art of managing ML models over the course of their lifecycle: ensuring adequate and fair outcomes while keeping the flexibility to adapt, maintaining high levels of security, robustness and resilience, regular performance monitoring, thorough documentation and validation, and embedding them in existing SDLC and infrastructure requirements.

Participants

Annika Schröder - Head of AI Center of Excellence, UBS AG

Asher Wesley - Data Science & Methodologies Lead, AI Center of Excellence, UBS

Enhancing the Customer Experience Through AI: the Frictionless Customer Journey

10:55 - 11:30
Innovate

Businesses are harnessing the power of data through AI technology to make the experience of travelling more seamless. In combination with human innovation, AI can overcome challenges to deliver valuable tools to consumers at speed.

Participants

Sam Taylor - Head of Data Science, The Trainline

The AI Impact on Daily Touch Products

10:55 - 11:15
Retail

P&G creates a wide range of 'daily touch' products that impact the lives of billions of users on a daily basis. These products range from smart products with digital capabilities such the Oral-B toothbrush to a number of decidedly 'analog' products that make laundry rooms, living rooms, bedrooms, kitchens, nurseries, and bathrooms a little more enjoyable. This talk will broadly cover the AI value proposition in changing consumer insight generation and product discovery, in-use experience and product-market iteration. Narrowly, it will cover one or two use cases on the use of Deep Learning to reframe product design, discovery and experiences in superior ways..

Participants

Venu Vasudevan - Director, Data Science & AI Research, Procter & Gamble

How E.ON leverages data and AI to drive the energy transition and sync with new energy world

11:00 - 11:30
Initiate

- The rate of change in the world is increasing exponentially, humanity has to change
- Energy companies including E.ON is at the center of new energy world
- How E.ON uses data and AI to drive the change (with latest use cases)

Participants

Matthew Timms - Chief Executive Officer, E.ON Digital

Dedicated Networking, Exhibition Visit and Matchmaking

11:10 - 11:55
Implement

Dedicated Networking, Exhibition Visit and Matchmaking

11:10 - 11:50
Optimise

Future challenges for AI in Finance: A Regulatory Perspective

11:10 - 11:30
Finance

Ever-increasing capabilities in the area of artificial intelligence (AI) and advanced data-analytics are likely to fundamentally transform the financial sector. Although the challenges associated with such a transformation are to a large extent similar for all industries, finance is special in a number of important ways. Current debates regarding AI in the financial sector (perhaps understandably) mostly focus on conduct-related aspects of AI, pertaining to potential risks for consumers. Notwithstanding the importance of these issues, prudential concerns are equally relevant and should be awarded the same level of rigorous scrutiny if we are to maintain a stable and trustworthy financial system. This talk will, from a regulatory perspective, identify a number of key challenges for the financial sector – as well as the supervision thereof – in the years to come.

Participants

Joost van der Burgt - Senior Policy Advisor - Artificial Intelligence, De Nederlandsche Bank

Lunch Break and Exhibition Visit

11:15 - 12:55
Retail

? Scalable AI infrastructure everywhere

11:30 - 12:00
Initiate

Since the breakthrough in 2012, AI development has been rapidly evolving to cover broader use cases such as natural language processing and recommendation. This talk will focus on Intel's strategy to 1) support the compute hungry AI workloads with its diversified portfolio of hardware that can accelerate deep learning performance and 2) provide software to scale and streamline AI pipelines end to end.

Participants

Wei Li - Vice President and General Manager of Machine Learning Performance, Intel

Supporting Innovators with Next-gen Software QA: a Real-life IoT-based Solution Example

11:30 - 12:00
Innovate

With digital transformation in place, to keep up with today's business demands and win the game in the picky market, it's increasingly important to not just test a piece of code from time to time, but re-invent software testing.

Come join Alex Pechinsky, QA consulting group expert and pre-sales manager at a1qa, for a substantive talk about the value of next-gen testing services on continuous software enhancement.

Participants

Alex Pechinsky - QA Consultant, a1qa

Dedicated Networking & Matchmaking

11:30 - 12:00
Finance

Augment, Don't Automate: Drawing Insights From Customer Feedback Using Natural Language Processing

11:50 - 12:20
Optimise

Companies are frequently faced with large amounts of unstructured text data, like forum comments or product reviews. Important trends can emerge in these datasets, but it can be time-consuming to read through comments, and keyword matching frequently misses critical nuances.

We'll discuss how we've approached this problem at Google using Natural Language Processing, with examples of the approach applied to open datasets.

We'll explore how this fits into the ML project lifecycle, with examples of common pitfalls. Finally, we'll highlight how to use this technology as part of a "human in the loop" approach to supercharge your existing team members.

Participants

Peter Grabowski - Austin Site Lead, Enterprise Machine Learning, Google

How Can AI Ethics be Proceduralised? – The Rolls-Royce Journey

11:55 - 12:30
Implement

- A short journey through the history of AI in Rolls-Royce - applied to Engine Health Monitoring and its transfer across the business including high value, business critical manufacturing.
- Exploring the ethical and trustworthiness challenges, for example bias and AI mutation, associated with implementing AI into business – both critical and non-critical business areas.
- Development and deployment of implementation frameworks to ensure the ethical and trustworthy deployment of AI, and embedding these into 'business as usual' procedures.

Participants

Lee Glazier - Head of Service Integrity, Rolls-Royce

Innovate Showcase : Part 2

12:00 - 12:40
Innovate

- The Conversational AI Studio busy designing and building beautiful chatbots, Gianluca Maruzzella, CEO & cofounder, Indigo.ai
- The Social E-learning, Intelligent, B2B Platform to Create Personalised Learning Paths, Francesco Epifania, CEO& Co-founder, Social Things srl
- Building Reading Machines with Artificial Intelligence, Adolfo, CEO, Natural Intelligent Technologies srl

Reinventing the Contact Centre - How AI enhances experiences during turbulent times

12:00 - 12:20
Finance

IBM will talk about recent real world experience in Financial Services where virtual assistants have been designed and deployed in days to reduce call handling-times, decrease customer queues. This has enabled IBM clients to provide a consistent high-quality customer experience, rebuilding trust with their customers via their contact centre during the early stages of the Covid-19 pandemic.

Participants

Michael Conway - AI Practice Lead, IBM Services

IBM Product Demo

12:00 - 12:10
Solutions Demonstrations

Cambridge Consultants Services Demo

12:10 - 12:20
Solutions Demonstrations

Teaching Cars to "See" and "Drive".

12:20 - 12:50
Optimise

Self-driving is one of the most powerful applications of AI that is still waiting to be solved.

In this talk, we summarise the progress of the field over the past few years and challenges we still need to solve to make self-driving a reality.

In particular, the need for new machine learning planning systems and large-scale datasets needed to train them.

Participants

Peter Ondruska - Head of Research, Lyft Level 5

AI Operations - Building Scalable AI Solutions

12:20 - 12:40
Finance

As many banks are moving from experimentation to productionizing AI systems, they face new challenges. In an environment where responsible AI is the topic of the day, institutions are learning the art of managing ML models over the course of their lifecycle: ensuring adequate and fair outcomes while keeping the flexibility to adapt, maintaining high levels of security, robustness and resilience, regular performance monitoring, thorough documentation and validation, and embedding them in existing SDLC and infrastructure requirements.

Participants

Francis Mumbi - Head - Data Office, Stanbic Bank Zambia

Intel Product Demo

12:20 - 12:30
Solutions Demonstrations

5 Steps to Maximise Your Chatbot's Potential in The New Normal

12:30 - 13:00
Implement

Seemingly overnight, the world we knew has been up ended by the Covid-19 pandemic. Providing virtual self-service is becoming the primary means for customers to obtain the help and support they need from public and private organizations. With inquiry volumes rocketing, artificially intelligent, conversational chatbots are fast becoming the first-line solution.

But scaling a chatbot up to production readiness can often be challenging. It's therefore critical to consider any conversational AI implementation as part of a wider digital transformation strategy that delivers the necessary resilience and continuity to drive the business forward - instead of treating it as a point solution that fixes an individual pain point.

Based on first-hand experience and real-life examples, Andy will examine conversational AI in action, discuss how it is revolutionizing business processes, and provide the five key steps that are essential for successful implementation.

Participants

Andy Peart - Chief Marketing & Strategy Officer, Artificial Solutions

Microsoft Product Demo

12:30 - 12:40
Solutions Demonstrations

Lunch Break & Exhibition Visit

12:40 - 13:00
Innovate

Proven approaches to prevent loss and protect customer data while minimizing false positives in banking and insurance

12:40 - 13:05
Finance

Participants

Shuman Ghosemajumder - VP - Global Head of AI, F5 Networks

F5 Product Demo

12:40 - 12:50
Solutions Demonstrations

Advanced Clustering Techniques for Audience Segmentation at Spotify

12:50 - 13:20
Optimise

We will demonstrate novel clustering techniques to help create interpretable audience segmentations from large scale data

Participants

Gustavo Pereira - Senior Data Scientist, Spotify

Darktrace Product Demo

12:50 - 13:00
Solutions Demonstrations

Data Driven Colour Design

12:55 - 13:20
Retail

- The optimal use of colour in product design can reduce waste and design time. However, current colour forecasting approaches can fail to deliver the information that companies need to make the correct decisions and do not take advantage of the growing amount of data that is available that could potentially guide these decisions. This presentation will focus on data-driven work that has been carried out in collaboration with industry. The work uses machine learning and digital image analysis to deliver insights into colour meanings that can guide companies' product colour decisions. Some new work on data-driven colour trend forecasting will also be presented.

Participants

Stephen Westland - Lead researcher on FFF's machine learning activities relating to data-driven design, and creator of Colourpedia, University of Leeds

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Digitalisation and AI enabling the energy transition

13:00 - 13:30
Initiate

The energy industry is going through a double transformation. One is decarbonization, the other is digital transformation. The energy system will need to change substantially in the coming decades. Digital technology and AI will have an important role in minimizing the net carbon footprint of current operations; facilitating sectorial decarbonization and delivering the next generation of clean energy technology.

Participants

Yuri Sebregts - Chief Technology Officer, Shell

AI Governance and Ethics – How to Measure and Manage a Digital Ethics Response to The 'Techlash'

13:00 - 13:30
Implement

'Move fast and break things' describes Mr Zuckerberg's approach to world-conquering technology, but also describes a toddler let loose. If we're serious about developing AI to improve the world, then we need to be grown-up about it; especially those of us in regulated industries - we need to try to 'move fast' where possible - but never, ever 'break things'.

Participants

Charles Radclyffe - AI Governance and Ethics Specialist and Former Head of AI, Fidelity International

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From Start-up, Scale-up to Market Domination: an Investor's Perspective

13:00 - 13:30
Innovate

Participants

Hazel Moore - Chairman & Co-founder, First Capital

Dedicated Networking & Matchmaking

13:05 - 13:40
Finance

Lunch Break and Exhibition Visit

13:20 - 14:20
Optimise

How AI is helping drive retail during COVID-19 pandemic

13:20 - 13:45
Retail

The retail industry has been facing quickly evolving market pressures due to digitalization and technology advances. Today, the COVID-19 pandemic is increasing the pressure retailers are facing to change how they do business. Can AI help retail survive? The short answer is yes. As in many AI use cases across verticals, the pandemic simply magnifies the need for automation and more principled predictive analytics.

Participants

Mark Beccue - Principal Analyst - AI & NLP, Omdia

Human Centric Approaches to AI and the Psychology of Effective Change.

13:30 - 14:00
Initiate

Participants

Will Sprunt - Chief Information Officer, Deliveroo

Lunch Break and Exhibition Visit

13:30 - 14:30
Implement

Breaking the PoC Cycle: Taking ML from Idea to Production

13:30 - 14:00
Innovate

Machine Learning and AI are beginning to show value across multiple industries for those organisations actively deploying them at scale. However, many are often trapped carrying out Proof of Concept projects, experimenting and developing models with teams struggling to implement solutions and reach production.

During this talk from The Data Analysis Bureau, we'll explore the value of breaking the PoC cycle and how to retain the services in demand and deploy them through a development pipeline to reduce the costs of innovation. We'll address how you move between R&D and application, get out of the PoC loop, the criteria, tools and timescales should you apply, and how you assess value to achieve rapid deployment. We'll share our lessons and a case study from working with academia and industry to move machine learning and deep learning models from R&D into production.

Participants

Eric Topham - Co-Founder & Data Science Director, The Data Analysis Bureau

Quantitative trading strategies & asset pricing using alternative data & machine learning

13:40 - 14:00
Finance

Machine Learning (ML) and Predictive Analytics are now embedded in a broad variety of use cases in Quantitative Finance, from information extraction to sentiment analysis, from factor scoring models to complex instrument pricing methods, and from risk premium mining to portfolio construction models.

Quant traders and data scientists require automated ML & AI technologies to quickly extract actionable information from unstructured and increasingly non-traditional sources of data. We will illustrate the use of such derived signals in constructing promising trading strategies through novel use cases.

This talk will provide a brief overview of the following topics:

- The broad application of machine learning in finance: opportunities and challenges.
- Construction of scoring models and factors from complex data sets, including: News/Social Media, Supply Chain Network, Options Prices and ESG (Environmental, Social & Governance).
- Use of alternative data, such as extreme weather (i.e., cyclones, snowfall) to quantify the weather's impact on companies that own retail stores and factories.
- Machine Learning techniques for asset pricing, replacing complex quant models (i.e., PDE, Monte Carlo) for an efficient pricing of derivative securities.
- Automated News & Data Driven insights – using data science to build triggers that can alert market participants in a timely manner. We will demonstrate event study examples that show the efficacy of such machine generated insights.

Participants

Arun Verma - Head - Quant Research Solutions, Bloomberg

Data, AI and Democratising Tech Skills

14:00 - 14:30
Initiate

AI has become a key part of modern life. With more and more of us using AI routinely, it is increasingly important to understand what this technology is, and what it is not.

UK companies understand they need to use AI in order to remain competitive, though many are not investing enough time to ensure safe and effective creation of AI-based solutions.

During this conversation, we will share insights about implementing AI technology, focusing on learning and democratizing skills. With so many freely available resources, access to tech skilling has expanded, and with that the opportunity.

Participants

Kate Rosenshine - Head of Azure Cloud Solution Architecture, Microsoft

Di Mayze - Global Head of Data & AI, WPP

DelayExplorer – A Tool for Exploring Train Delay Relationships

14:00 - 14:30
Innovate

Train delays have been a major problem in the UK's public transport services for many years and the problem has been getting much worse over the last decade. An intelligent ensemble system has been developed to predict train reactionary delays. It consists of three key modules: Train DelayExplorer, DelayPredictor and DelayPreventer.

Wenjia Wang, Associate Professor in Artificial Intelligence, University of East Anglia

Participants

Wenjia Wang - Associate Professor in Artificial Intelligence, University of East Anglia

How Omni-Channel conversational Banking will transform the industry

14:00 - 14:20
Finance

Banking customers behavior is changing rapidly with advancements in digital technology. Today's customers demand self-service, omnichannel, and conversational banking. Is the banking industry prepared for this digital transformation? In this presentation, Paul and Peter will discuss changing behavior and expectations of the banking customers, how the banking industry is at the cusp of a huge transformation in the coming years, and how banks can prepare themselves modernise their banking systems and overall experience.

Participants

Paul Andrusyshyn - GM - Financial Services, Kore.ai

AI Monetization: Opportunities and Challenges

14:20 - 14:50
Optimise

Behind the numerous opportunities that AI can bring to many large organizations, there are significant investments in people, process and products that need to be in place for delivering success.

In Stanley Black and Decker, AI is a strategic priority towards growth and the presentation will cover product-related challenges and opportunities and approaches to monetization

Participants

George Karakousis - Senior Global Manager - AI and IoT, Stanley X

Accelerate your AI Financial Modellng with IPUs

14:20 - 14:40
Finance

Participants

Alexander Tsyplikhin - Senior AI Engineer, Graphcore

Digital Experience Management: What is it? And how to achieve this next big step in Digital Transformation?

14:30 - 15:00
Initiate

Participants

Geng Lin - EVP & CTO, F5 Networks

Architecting AI-Powered Organisations from The Bottom Up

14:30 - 15:00
Implement

- The new interpretability techniques making it possible to lift the lid on the black box to gain more business buy-in
- Making AI explainable and trust-worthy to bring on board your stakeholders from employees to senior leaders, shareholders and regulators
- Installing trust and transparency to win over the hearts and minds of your customers and drive better AI product uptake

Participants

Shefaly Yogendra - Non-Executive Director and External Advisor to UKRI AI Review, JP Morgan US Smaller Companies Investment Trust and UKRI

Accelerating Analytics Projects Delivery and Empowering the Data Teams

14:30 - 15:00
Innovate

How can we ensure data team spend less time on infrastructure and manual experiment tracking and concentrate on building custom models and the most valuable jobs?

Participants

Giorgio Cortiana - Head of Advanced Analytics - Energy Intelligence, E.ON

Dedicated Networking & Matchmaking

14:40 - 15:00
Finance

INVITE ONLY: Data, AI and Democratising Tech Skills: a deep-dive with Microsoft

14:45 - 15:45
CxO Roundtables: VisionAIres

This session is upon invitation only. If you'd like to attend, please contact Natalia Stones to enquire at natalia@aibusiness.com

Participants

Maya Dillon PhD. - UK Lead: AI + Azure, Microsoft

Pratim Das - Head of Solutions Architecture, Microsoft

Industry-Leading Design Formula for AI Supercomputing Session - Architected to Shrink Months of Problem-Solving into Just Minutes

14:50 - 15:20
Optimise

Our biggest challenges can be answered with groundbreaking research powered by supercomputing at an unmatched scale. Organizations that are ready to lead in the field of Artificial Intelligence need to attract the world's best talent to fuel innovation AND the leadership-class infrastructure that can get them there now, not months from now.

AI leadership demands leadership in compute infrastructure

Scaling AI development and research poses some hard challenges. Not only do you need fast GPU's, but you also need to optimize the full data center as the computer. You have to build system interconnections, memory optimizations, network topology, numerics.

From the experience of thousands of deployed AI environments, and the evolution of our own NVIDIA research cluster, DGX SATURN V, we developed the industry-leading design formula for AI supercomputing, architected to shrink months of problem-solving into just minutes.

Participants

Carlo Ruiz - Director AI Data Center Solutions, Services and Operations – EMEA, NVIDIA

Accelerating R&D with AI

15:00 - 15:30
Initiate

Participants

Hal Barron - Chief Scientific Officer, GSK

Victoria Turk - Features Editor, Wired

Using AI to Cut Carbon and Costs in The Built Environment

15:00 - 15:30
Implement

The built environment is a massive carbon emitters, and huge funds are required to build new and modernise existing buildings, infrastructure and cities globally. AI/ML can now be used in a range of different ways to tackle these problems, to create and deliver the more sustainable and affordable built environment we need.

Participants

Will Cavendish - Global Digital Services Leader, Arup

Afternoon Break & Exhibition Visit

15:00 - 15:30
Innovate

Chatbots In Banking – Mapping The Evolution Of Chatbots Across The Globe

15:00 - 15:20
Finance

Chatbots have gone from a nice to have, to a digital necessity, with the events of COVID-19 accelerating this shift in banks' digital priorities. Chatbots are providing a digital competitive edge, but who's leading and how do you benchmark them? Informa will answer those questions in this presentation with real examples, covering:

- Help & Support Bots - Lloyds, Revolut, Bank of America
- Transactional Bots - NatWest, Capital One, Bank of America, CLEO and BBVA
- Virtual Assistant Bots - Bank of America, CLEO, Siri and Google

Participants

Chris Ward - Principal Consultant - Mapa Research, Informa Financial Intelligence

Connecting The Dots: The Age of the AI Accelerator & Impacts on The Semiconductor Landscape

15:20 - 15:50
Optimise

Despite the semiconductor industry's steepest revenue decline since 2001 last year, industry observers remain optimistic for 2020 as they look to 5G, AI, machine learning and other factors to drive future growth.

However, with the growing list of .AI websites and the proliferation of capital investment in all things with "artificial intelligence" on the label, it is worth taking 15 minutes to connect the past market for AI to the future of AI.

Rather than expounding on the many trillions of dollars of "the AI market," this presentation will focus on the connecting dots – and the impact of the evolving processors market on the overall semiconductor landscape.

Participants

Jon Ellis - Components & Devices Product Manager - VP, Omdia

Predict the financial moments that matter

15:20 - 15:45
Finance

The promise of Predictive Technology is huge. We've all benefited from machine learning, whether it's something as simple as a song recommendation or something as complex as a self-driving car. And that's just the tip of the iceberg. Yet, while the vast majority of companies have started ML projects, very few report much success. Why? Hint: it's all about the data. Join us as we explore the challenges financial services must solve to unlock the promise of ML to drive growth and opportunity within their customer data, and how to predict the banking moments that matter to deliver more effective customer experiences.

Participants

Matthew Parisi - Senior Manager - Product Marketing, Tealium

Mimicking Human Intuition: The Cyber AI Analyst

15:30 - 16:00
Initiate

With years of experience under his belt, Max Heinemeyer, Darktrace Director of Threat Hunting, investigated whether he could teach AI to think like a cybersecurity analyst. It was a tall order, seeing as it takes subtle, nuanced skills and implicit knowledge for an analyst to detect genuinely threatening activity.

This research took three and a half years to complete, mining data from more than one hundred threat analysts as they performed investigations in order to emulate human thought processes. During his presentation, Max will demonstrate how an APT using a zero-day was caught weeks before public attribution using cyber AI analyst technology.

Participants

Max Heinemeyer - Director of Threat Hunting, Darktrace

AI+Edge+5G : Use Cases That Will Change Our Lives

15:30 - 16:00
Implement

Jean-Marc will use his Silicon Valley perspective to discuss the combined power of AI, Edge Computing and 5G.

He will talk about the potential benefits of running both training and inference in the public edge and how it will democratize robotics and a number of other applications. He will illustrate his take with 4 classes of use cases and mention some of the leading players in each domain.

Participants

Jean-Marc Frangos - Member of The Board & Executive Fellow, Telecom Council & INSEAD

Skilling Up for Tomorrow's AI

15:30 - 16:00
Innovate

Digital innovation is not possible without the tech skills to drive it. Most leaders today don't have visibility into the technical abilities of their teams, making it impossible to build skills at scale.

Join longtime AI leader and head of learner experiences at Pluralsight, James Aylward for an in-depth conversation about his experience launching and scaling AI products, upskilling for modern technologies roles, and staying adaptable to innovate faster.

Participants

James Aylward - SVP, Head of Leaner, Pluralsight

AIMOO Product Demo

15:30 - 15:40
Solutions Demonstrations

Alpvision Product Demo

15:40 - 15:50
Solutions Demonstrations

How breakthroughs in privacy-enhancing technologies enable the future of biometric authentication

15:45 - 16:05
Finance

In today's digital world, high consumer expectations of privacy, security and convenience drive the need for high quality solutions that deliver an exceptional customer experience. Emerging technologies combined with modern biometric authentication methods will help shape a new era where privacy, usability and economic success exist harmoniously. Keyless made several breakthroughs in the area of secure, private and distributed biometric authentication, that allow organizations to embrace passwordless multi-factor authentication to eliminate fraud, phishing and credential reuse – all while enhancing customer and employee experiences and protecting their privacy.

Participants

Fabian Eberle - COO & Co-Founder, Keyless Technologies

Meteomatics Product Demo

15:50 - 16:00
Solutions Demonstrations

Meet the Speaker: Darktrace

16:00 - 16:20
Initiate

Participants

Max Heinemeyer - Director of Threat Hunting, Darktrace

Innovate Showcase : Part 3

16:00 - 16:25
Innovate

- Mapadore - Your Guide in the Sales Journey, Fabrizio Bosio, CEO & Founder, MAPADORE SRL
- Shaping the Future of Energy Systems with a Novel Simulator for Multi-microgrid Optimizations Based on a Self-adaptive Evolutionary Algorithm, Paolo Fracas, Founder & CEO, Genport srl - SPINOFF DEL POLITECNICO DI MILANO
- Predictive Hub, MIPU Energy Data srl
- Democratizing Robotics, Luca Valli, CEO, EUTRONICA SRL

Graphcore Product Demo

16:00 - 16:10
Solutions Demonstrations

Keyless Product Demo

16:10 - 16:20
Solutions Demonstrations

The Data Analysis Bureau Services Demo

16:20 - 16:30
Solutions Demonstrations

Presentation

16:30 - 16:50

SCHEDULE
DAY 1 - 02/09/2020

TIME	CXO ROUNDTABLES: VISIONAIRES	FINANCE	IMPLEMENT	INITIATE	INNOVATE	OPTIMISE	RETAIL	SOLUTIONS DEMONSTRATIONS
09:00				**09:40** - A welcome from Informa Tech **09:45** - Chairperson's welcome: scaling up AI innovation	**09:50** - Chairperson's Welcome	**09:55** - Chairperson's Welcome and Opening Remarks		
10:00		**10:00** - Chairperson's Welcome **10:10** - Stop Talking, Start Delivering Value with Big Data and Artificial Intelligence **10:30** - Responsible AI - Making Money Work for Everyone **10:50** - AI Operations - Learnings from managing the ML model lifecycle	**10:00** - Chairperson's Welcome and Opening Remarks **10:10** - Demystifying AI Implementation **10:40** - Successfully Developing Products with AI at Its Core: Challenges and Lessons Learned	**10:00** - Trusting AI for good: How Rolls-Royce is moving beyond theory with practical, applied AI ethics for industry and beyond **10:30** - Why an Open, Hybrid Cloud Architecture is Essential to Your Customer's Experience	**10:00** - The Cognitive Enterprise: Data-driven and AI-driven Decision Making **10:30** - Innovate Showcase - Part 1 **10:55** - Enhancing the Customer Experience Through AI: the Frictionless Customer Journey	**10:10** - Demystifying AI Ethics… Distilling it Down to What and Why **10:40** - The Future of AI: Where Will AI Go in The Next 4 Years?	**10:00** - Chairperson's Welcome **10:10** - The Next Step in AI at H&M Group **10:35** - AI-powered Skin Care: Beiersdorf's Approach to Personalized Consumer Experience **10:55** - The AI Impact on Daily Touch Products	
11:00		**11:10** - Future challenges for AI in Finance: A Regulatory Perspective **11:30** - Dedicated Networking & Matchmaking	**11:10** - Dedicated Networking, Exhibition Visit and Matchmaking **11:55** - How Can AI Ethics be Proceduralised? – The Rolls-Royce Journey	**11:00** - How E.ON leverages data and AI to drive the energy transition and sync with new energy world **11:30** - ? Scalable AI infrastructure everywhere	**11:30** - Supporting Innovators with Next-gen Software QA: a Real-life IoT-based Solution Example	**11:10** - Dedicated Networking, Exhibition Visit and Matchmaking **11:50** - Augment, Don't Automate: Drawing Insights From Customer Feedback Using Natural Language Processing	**11:15** - Lunch Break and Exhibition Visit	

SCHEDULE
DAY 1 - 02/09/2020

TIME	CXO ROUNDTABLES: VISIONAIRES	FINANCE	IMPLEMENT	INITIATE	INNOVATE	OPTIMISE	RETAIL	SOLUTIONS DEMONSTRATIONS
12:00		**12:00** - Reinventing the Contact Centre - How AI enhances experiences during turbulent times **12:20** - AI Operations - Building Scalable AI Solutions **12:40** - Proven approaches to prevent loss and protect customer data while minimizing false positives in banking and insurance	**12:30** - 5 Steps to Maximise Your Chatbot's Potential in The New Normal		**12:00** - Innovate Showcase : Part 2 **12:40** - Lunch Break & Exhibition Visit	**12:20** - Teaching Cars to "See" and "Drive". **12:50** - Advanced Clustering Techniques for Audience Segmentation at Spotify	**12:55** - Data Driven Colour Design	**12:00** - IBM Product Demo **12:10** - Cambridge Consultants Services Demo **12:20** - Intel Product Demo **12:30** - Microsoft Product Demo **12:40** - F5 Product Demo **12:50** - Darktrace Product Demo
13:00		**13:05** - Dedicated Networking & Matchmaking **13:40** - Quantitative trading strategies & asset pricing using alternative data & machine learning	**13:00** - AI Governance and Ethics – How to Measure and Manage a Digital Ethics Response to The 'Techlash' **13:30** - Lunch Break and Exhibition Visit	**13:00** - Digitalisation and AI enabling the energy transition **13:30** - Human Centric Approaches to AI and the Psychology of Effective Change.	**13:00** - From Start-up, Scale-up to Market Domination: an Investor's Perspective **13:30** - Breaking the PoC Cycle: Taking ML from Idea to Production	**13:20** - Lunch Break and Exhibition Visit	**13:20** - How AI is helping drive retail during COVID-19 pandemic	

SCHEDULE
DAY 1 - 02/09/2020

TIME	CXO ROUNDTABLES: VISIONAIRES	FINANCE	IMPLEMENT	INITIATE	INNOVATE	OPTIMISE	RETAIL	SOLUTIONS DEMON- STRATIONS
14:00	**14:45** - INVITE ONLY: Data, AI and Democratising Tech Skills: a deep-dive with Microsoft	**14:00** - How Omni-Channel conversational Banking will transform the industry **14:20** - Accelerate your AI Financial Modellng with IPUs **14:40** - Dedicated Networking & Matchmaking	**14:30** - Architecting AI-Powered Organisations from The Bottom Up	**14:00** - Data, AI and Democratising Tech Skills **14:30** - Digital Experience Management: What is it? And how to achieve this next big step in Digital Transformation?	**14:00** - DelayExplorer – A Tool for Exploring Train Delay Relationships **14:30** - Accelerating Analytics Projects Delivery and Empowering the Data Teams	**14:20** - AI Monetization: Opportunities and Challenges **14:50** - Industry-Leading Design Formula for AI Supercomputing Session - Architected to Shrink Months of Problem-Solving into Just Minutes		
15:00		**15:00** - Chatbots In Banking – Mapping The Evolution Of Chatbots Across The Globe **15:20** - Predict the financial moments that matter **15:45** - How breakthroughs in privacy-enhancing technologies enable the future of biometric authentication	**15:00** - Using AI to Cut Carbon and Costs in The Built Environment **15:30** - AI+Edge+5G : Use Cases That Will Change Our Lives	**15:00** - Accelerating R&D with AI **15:30** - Mimicking Human Intuition: The Cyber AI Analyst	**15:00** - Afternoon Break & Exhibition Visit **15:30** - Skilling Up for Tomorrow's AI	**15:20** - Connecting The Dots: The Age of the AI Accelerator & Impacts on The Semiconductor Landscape		**15:30** - AIMOO Product Demo **15:40** - Alpvision Product Demo **15:50** - Meteomatics Product Demo

SCHEDULE
DAY 1 - 02/09/2020

TIME	CXO ROUNDTABLES: VISIONAIRES	FINANCE	IMPLEMENT	INITIATE	INNOVATE	OPTIMISE	RETAIL	SOLUTIONS DEMON-STRATIONS
16:00	**16:30** - Presentation	**16:30** - Presentation	**16:30** - Presentation	**16:00** - Meet the Speaker: Darktrace **16:30** - Presentation	**16:00** - Innovate Showcase : Part 3 **16:30** - Presentation	**16:30** - Presentation	**16:30** - Presentation	**16:00** - Graphcore Product Demo **16:10** - Keyless Product Demo **16:20** - The Data Analysis Bureau Services Demo **16:30** - Presentation

Chair's Opening Remarks

09:40 - 10:10
Optimise

Participants

Andy Pardoe - Chief AI Officer, Combined Intelligence

Chair's Opening Remarks

09:45 - 10:00
Implement

Participants

Max Smolaks - Global Editor, AI Business

Chairperson's Welcome and Opening Remarks

09:45 - 09:55
Sales, Marketing & CX

Participants

Tim Bond - Head of Insight, Data & Marketing Association

Chairperson's Welcome

09:50 - 10:00
Tech for Good

Participants

Devin Krotman - Director, XPRIZE

(Responsible use of AI)²

09:55 - 10:15
Sales, Marketing & CX

- Managing the unintended, negative side effects of AI business opportunities
- "The Responsible AI by Design" method
- Is it responsible not to use AI for certain societal problems?
- Scaling data sharing for the public good

Participants

Richard Benjamins - Chief AI & Data Strategist, Telefónica

Chair's Opening Keynote - A Scene Set for AI in Manufacturing

09:55 - 10:25
Manufacturing

What are the real opportunities for where AI can be introduced in industrial and how can companies identify what is feasible based on where the technology is today.

This presentation sets the scene for the opportunities and development of AI in manufacturing, including a review of applications and innovations that are made possible, along with common challenges that are faced by manufacturing companies.

This will also cover how end-users should consider how cloud and Edge technologies should support the hosting of AI and algorithms, and finally gives some steps for success for those companies looking to embark on their AI journey.

Participants

Alex West - Senior Principal Analyst - Manufacturing Technology Group, Omdia

Pushed to an Inflection Point - Why Healthcare's Digital Moment is Now

10:00 - 10:30
Implement

Two and a half years ago, we set out on an ambitious digital transformation at Novartis to really become the leading medicines company powered by data science and digital technology. From daring to approach drug discovery as a computational challenge and bring drugs to market two years faster, to transforming the way we engage with patients and HCPs, we're on a journey to go big on data and digital.

During this time, our belief that collaborations with the best of the tech ecosystem have certainly enabled us to accelerate and crucially scale 12 enterprise priority lighthouse programs, as well as strengthen core foundational platforms. Then COVID-19 hit.

Nobody asked for it, but the pandemic has accelerated the scaling and adoption of our transformation – challenging us to do in three months what we otherwise might have achieved in three years, in the case of telemedicine, for example. It has also shifted people's perceptions of the healthcare industry, particularly that of tech talent who we need to join us.

I look forward to sharing with you why, despite of the disruption, healthcare's digital moment is now.

Participants

Bertrand Bodson - Chief Digital Officer, Novartis

AI Optimising Energy Trading: Opportunities and Challenges

10:00 - 10:30
Innovate

Participants

Nazim Osmancik - Chief Risk Officer, Energy Marketing & Trading, Centrica

Utilising AI to Reduce Carbon Emissions, Improve Efficiencies, Reduce waste and Combat Climate Change

10:00 - 10:30
Tech for Good

Participants

Abul Fahimuddin - Digital Project Manager & Advisor to Chief Digital Officer, Equinor

Welcome from Chair and Healthcare Summit Plenary

10:05 - 10:20
Healthcare

Participants

Shafi Ahmed - Advisor and Consultant Surgeon, Department of Health Abu Dhabi and Barts Health NHS Trust

Securing the Future of Work

10:10 - 10:40
Optimise

The future of work remains unpredictable and uncertain. More than ever before, business leaders need to remain confident that their operations can continue securely in the face of global or even regional crises, and while sections of the economy are slowly re-opening, cyber-attackers are ramping up their campaigns.

As businesses look set to rely on cloud and SaaS tools for the long term, our digital environments are going to be more dynamic than ever. Yet organizations are finding themselves undergoing a delicate balancing act—each new work practice and technology that is introduced also brings unforeseen risk. Static, legacy approaches have become redundant, both unintelligent and ill-equipped to adapt.

Organizations must rethink their approach to security ,and rely on new technologies like AI to achieve much-needed adaptability and resilience. Darktrace is the world leader in Cyber AI technology, and leverages unsupervised machine learning to seamlessly adapt and integrate into changing environments, and to detect and respond to attacks in the earliest moments.

In the face of an uncertain present and future, Cyber AI enables businesses to continue communicating, operating, and innovating.

Participants

Andrew Tsonchev - Director of Technology, Darktrace

Fireside Chat: AI's Potential Impact on Enterprise Software

10:15 - 10:35
Sales, Marketing & CX

Enterprise applications from CRM and ERP to customer service and marketing automation are poised to shift into overdrive with the help of AI. Salesforce recognized AI's potential for their business and over the past few years has steadily built its IP, expertise and vision for what AI will do to set the company apart through predictive analytics and next generation interfaces.

In a conversation with Omdia analyst Mark Beccue, hear from Salesforce Vice President for Einstein Marco Casalaina about Salesforce's vision for AI and some of the lessons they have learned in their AI journey.

Participants

Interviewer: Mark Beccue - Principal Analyst - AI & NLP, Omdia

Marco Casalaina - SVP for Einstein, Salesforce

Welcome to The AI Summit London 2020

10:20 - 10:30
Initiate

Participants

Zoë Webster - AI and Data Economy, Innovate UK

AI for Personalised Healthcare - Sharing Opportunities and Challenges from a Pharma Perspective

10:20 - 10:50
Healthcare

Participants

Asif Jan - Group Director, Personalized Healthcare (PHC) Data Science, Neuroscience Analytics, Roche

AI in Manufacturing – Concrete Applications and Challenges to Operationalize AI

10:25 - 10:50
Manufacturing

AI is a key lever for improving productivity in manufacturing industries. AI enables machines to perform repetitive tasks that had to be done by humans before. Also AI helps manufacturers to improve their efficiency, flexibility and speed of production.

In this talk, several concrete applications of AI in manufacturing are explained with the help of concrete case studies such as in-line quality assurance in electronics manufacturing or anomaly detection and predictive maintenance for compressors and drives.

In addition, one of the key challenges of AI in manufacturing is addressed:

How to operationalize AI, i.e. how to move from proofs of concept to scalable software applications that can be deployed and run on cloud or industrial edge devices (DevOps4AI)?

As a visionary outlook, it is shown how AI will change the world of manufacturing by enabling intelligent autonomous machines that organize themselves in highly flexible production environments.

Participants

Matthias Loskyll - Director, Advanced Artificial Intelligence, Siemens

The difference between transformation and innovation

10:30 - 11:00
Initiate

- Tesco's transformation initiatives to drive a modern global business
- The different parameters of innovation vs transformation: results, timelines and measures of success

Participants

Guus Dekkers - Chief Technology Officer, Tesco PLC

Creating the Industry 4.0 Innovation Practice in a 260 Year Old Firm

10:30 - 11:00
Implement

- Design & operationalization
- challenges and opportunities
- Lessons, successes and opportunities

Participants

Maurizio Pilu - Group Vice President - Digital Innovation, Lloyd's Register

Innovate Showcase : Part 4

10:30 - 11:00
Innovate

- Using Small Data and Synthetic Data in an AI Strategy for Fashion Retail, Andrey Golub, PhD, CEO & CTO, ELSE Corp Srl
- NED - Nano-Eye Device - an Innovative Open IoT Platform for Molecular Diagnostic and Digital Pathology Applications, Massimo Galavotti, CEO, NTP Nano Tech Projects srl
- Ploovium® Precise Irrigation Five Days in Advance, Matteo Causio, Data Scientist, Soonapse Sr

How do We Govern Intelligent Machines: Policy in AI

10:30 - 11:00
Tech for Good

AI could be a force for good: boring or repetitive tasks could be automated, freeing time to focus on more interesting and productive tasks; health and safety could be improved; and AI could help with identifying relevant training and delivering it. However, there are important risks, not just in terms of tasks and jobs disappearing, but also issues of bias in recruitment and performance management, as well as privacy concerns. Moreover: if anything goes wrong, where does ultimate responsibility lie? These challenges emphasise the need for a broad societal consensus, achieved through dialogue with and involvement of all concerned stakeholders.

Participants

Stijn Broecke - Senior Economist, Directorate for Employment, Labour and Social Affairs, The Organisation for Economic Co-operation and Development (OECD)

Role of Machine Learning in Foreseeing the Future and Optimising the Present in a Disruptive Environment

10:35 - 10:55
Sales, Marketing & CX

The present disruptive environment is posing unprecedented challenges on business functions and marketing is no exception to this. Some of the questions facing the marketers include

- How consumers and markets are likely to evolve in the short and long-term? This helps to uncover and pinpoint where the growth is likely to come from
- How best to optimise and allocate marketing investments between different levers for driving short and long-term growth? This helps to maximise the ROI but more importantly how to be agile to course-correct investment allocations
- How to drive personalisation to optimise the sales levers i.e. who to offer, what mix, and where to drive incremental revenues?

Machine Learning (ML) has been in existence in practice for the past five decades, albeit in different shapes and forms. And, ML has been used for the above applications in the recent years. However, with the disruptive consumer behaviour seen in today's new normal, many of the existing techniques fail to address the above challenges. This is because the future is no longer an extrapolation of the past alone and there are multitude of forces acting in different directions which is shaping consumer behaviour.

This session will talk about how evolutions in ML can help address these challenges in today's disruptive environment. The session will start with the business applications, outline why some of the existing techniques cannot meet the challenges, how evolutions in ML can help address the challenges and learnings on how best to deploy/ embed such applications in organisations.

Participants

Sunando Das - CMI Director – Predictive Marketing and Shopping Analytics, Unilever

To the Cloud and Back: Considerations for Running Machine Learning Workloads in a Hybrid Cloud World

10:40 - 11:10
Optimise

The last few years have seen many companies rush to the cloud as part of their "cloud first" or "cloud native" strategies. But after the initial enthusiasm there is an increase in cloud repatriation where those same companies are looking to move back on premises as the realities of using the cloud become better understood. Apart from a few select situations, there is often no clear case to be made to go "all cloud" or "all on premises" for any company that is going through this process. This talk aims to clarify how to make that decision more effectively for the machine learning workloads.

Deciding where to run ML workloads is not always a straightforward decision. You need to factor in the cost, both the explicit and the hidden costs, the complexity and the skills you need to navigate it, the tooling that is available and most importantly, data security and sovereignty. The aim of this talk is to help CTOs and IT managers understand what goes into that decision and help quantify the complexity to make the correct decision.

This talk will cover

- The types of machine learning workloads and what infrastructure they require
- The economics of on-prem vs. cloud workloads
- The tooling needed by data science and ML teams
- Where the complexity lies in running "on prem" vs. "in the cloud"

Participants

Jeff Fletcher - ML Cloud Lead, Cloudera

AI Ethics in Healthcare at The World Economic Forum – Case Study

10:50 - 11:15
Healthcare

Participants

Arunima Sarkar - Lead – Artificial Intelligence, Center for Fourth Industrial Revolution, World Economic Forum

Power of Industrial AI

10:50 - 11:15
Manufacturing

In today's highly competitive landscape, industries strive for operational excellence that enables output of the highest quality, maximized asset performance and top reliability and all of these to be achieved in the most productive, cost-effective, safe and sustainable manner. The key to achieving these aims is digitalization and digital transformation, but many companies struggle to leverage its potential. Data driven actionable insights is the key for moving up in the value chain of digitalization.

As long as the need was just to model or design an isolated physical phenomenon or equipment in a system, first principle models based on physics were deemed good enough. Manufacturing and other industrial domains have systems that are complex and nonlinear by nature. It is highly impossible to model these systems merely using first principle physics models. Simple machine learning models while have been better, they serve best only to the extent of the dataset for which it has been trained. The dataset which is being used for training should ideally have all the conditions which attributes to an anomalous condition. The real answer is ensembled approach of "Industrial AI" . Applying AI to Industries with the combination of Industrial Domain and Artificial Intelligence for safer, smarter and more sustainable industrial operations.

Industrial Digitalization needs "Industrial AI".
 Industrial AI unlocks the combined power of Contextual data, domain expertise, technologies and AI. The power of an Industrial AI platform is at its best when it is able to able to develop, train and deploy models on contextualized data i.e. data which is coming from multiple sources system within a plant and enterprise ecosystem across operations, IT and engineering, but contextualized based on the business processes, domain specifics, functional use cases and driving direct business outcomes. A comprehensive Industrial AI platform suite needs to have key capabilities and components including Data access, ingestion, treatment and feature engineering, Engines for prediction, simulation, optimization and role-based visualization as well as sandboxing for agile and collaborative development. ABB Ability Genix Industrial Analytics and AI Suite is one such that has been built to bring the X factor of contextualized data and Industrial AI proving to solve some of the most complex industrial problems as a holistic yet modularized suite.

Today in manufacturing and industrial applications, Industrial AI is proving to be very promising for both predictive analysis and optimization of various key elements in efficient operations such as improving production efficiency and yield, quality, asset performance, predictive maintenance and life cycle management, supply chain optimization, inventory optimization, energy optimization, safety and sustainability.

Participants

Rajesh Ramachandran - Chief Digital Officer - Industrial Automation, ABB

Dedicated Networking, Exhibition Visit and Matchmaking

10:55 - 11:40
Sales, Marketing & CX

The evolving AI IT infrastructure from cloud to edge

11:00 - 11:30
Initiate

The IT ecosystem is rapidly evolving to deliver greater processing power from the edge to the cloud as enterprise and consumer demand for low-latency digital services based upon large data sets continues to grow. The commercialization of AI is boosting this evolution driving new requirements for specialized hardware, software development, data ingestion methods, network bandwidth and cloud computing. This session will explore how AI has changed computing so far and what businesses should expect and prepare for going forward.

Participants

Vladimir Galabov - Principal Analyst, Data Center Compute, Omdia

Dedicated Networking, Exhibition Visit and Matchmaking

11:00 - 11:35
Implement

Morning Networking Break & Exhibition Visit

11:00 - 11:30
Innovate

AI Social Responsibility

11:00 - 11:30
Tech for Good

Participants

Allan Dafoe - Director, Centre for the Governance of AI, Future of Humanity Institute, University of Oxford

Dedicated Networking, Exhibition Visit and Matchmaking

11:10 - 11:40
Optimise

Dedicated Networking, Exhibition Visit and Matchmaking

11:15 - 11:40
Healthcare

Coffee and Networking Break

11:15 - 12:00
Manufacturing

Innovate Showcase : Part 5

11:30 - 11:55
Innovate

- Trustworthy AI adoption in enterprises through Clearbox AI Control Room, Shalini Kurapati, PhD, CEO, Clearbox AI Solutions
- Technology for Influencer Marketing, Sylvia Enotiades, Client Partner, Buzzoole Srl

AI-driven Sign Language Translation Empowers Deaf Community

11:30 - 12:00
Tech for Good

Participants

Mark Applin - Co-founder, Singly

Organizing for AI Adoption, Delivering for Agility

11:35 - 12:00
Implement

- Few years into the AI transformation journey at one of the largest banks in the Nordics – we look into the do's and don't's of orginizing and delivering AI use cases
- We deep dive into use cases delivered in the old way and the new way and we look at our lesson's learned
- What will our future look like and what leadership and organizational considerations are necessary to manage uncertainties of the future

Participants

Nima Ghorbani - Head of Analytics & AI, Swedbank Group

Getting Regulation Right: Lessons from the AI Barometer

11:40 - 12:20
Optimise

The Centre for Data Ethics and Innovation's newly published AI Barometer highlights the potential for AI and data-driven technology to address society's biggest challenges, from climate change to an ageing population.

Yet maximising the benefits of this technology will require us to overcome significant shortcomings in our regulatory regimes. From laws that are difficult to interpret, to regulators that lack sufficient technical expertise, there is significant room for improvement in how we govern technology.

Join us for our panel debate with industry and regulatory experts, where we will share experiences of operating within this landscape, and discuss what it would take to create a coherent regime that gives all sides the confidence to deploy technology for the benefit of society

Participants

Moderator: Michael Birtwisle - AI Barometer lead, Centre for Data Ethics and Innovation

Jessica Lennard - Senior Director, Global Data and AI Initiatives, Visa

Carl Wiper - Group Manager Strategic Policy Projects, ICO

Dee Masters - Discrimination and Equality at Cloisters Chambers and Co-Founder, AI Law Hub

Data Diversity Efforts at BenevolentAI

11:40 - 12:00
Healthcare

Participants

Kevin Garwood - Patient Data Manager for Precision Medicine, Benevolent AI

Implementing Newsroom Reporting Tools at The Times

11:40 - 12:05
Sales, Marketing & CX

Participants

Ed Rushton - Solutions Lead – Content Science, News UK

From Automating Specific Processes to Fully Cognitive Business Assistant

11:55 - 12:25
Innovate

Participants

Andrea Cosentini - Head of Data Science & AI, Intesa Sanpaolo

Investing in emerging tech - making the business case to back unproven technology

12:00 - 12:30
Initiate

- How can you evaluate technologies that are not yet proven?
- Being a pioneer holds risk – how can you mitigate it?

Participants

Zak Brown - Chief Executive Officer, McLaren Racing

Panel Discussion: AI x Policy: Driving Responsible and Scalable Data Governance Best Practice – Looking Ahead at How External Stakeholders and Governmental Regulations Will Influence Data Strategy

12:00 - 12:40
Implement

- Multinational companies – transferring and accessing data across borders, given different jurisdictions/laws/regulations
- Brexit and the future of GDPR
- European Union/US/China – what's next in tech policy? How will it change tech investment and innovation? What does it mean for private companies?

Participants

Moderator: Richard Self - Senior Lecturer in Governance of Advanced and Emerging Technologies, University of Derby

Eline Chivot - Senior Policy Analyst, Center for Data Innovation

Edwina Dunn - Co-Founder & Board Member, dunnhumby & Centre for Data Ethics & Innovation

Peju Oshisanya - Director – Clinical Programme Leader, Benevolent AI

Mike Wiley - Application CTO and VP Engineering, F5

Machine Learning over Real World Data for Accelerating Pharmaceutical Development

12:00 - 12:25
Healthcare

Pharma increases needs, and uses, complex and noisy real-world datasets - However, these sometimes defy ready analysis with traditional methodology better fitted for clean and structured data - Here I cover advances that allow complex and irregular data to be analysed for improving drug development.

Participants

Paul Agapow - Health Informatics Director, AstraZeneca

Can Specialized AI Chips Solve my AI Productization Challenges?

12:00 - 12:25
Manufacturing

AI buzz has passed its peak and it is now time to move AI research to productization. The fundamental challenge is that AI inference requires orders of magnitude more performance at essentially same power, latency, cost and reliability as today's hardware.

Domain Specific Architecture (DSA) is a way to meet such steep performance boost. However, constant innovation of AI models forces frequent re-designs of the DSA architecture to meet performance targets.

In addition, AI processing is almost always only a subset of the entire application. Meeting "product" requirements at system level requires not only AI acceleration but other workloads such as sensor fusion, computer vision, DSP processing.

In this talk, we will discuss pros/cons of different hardware options for AI productization with real-life deployment in automotive / industrial applications and offer the importance of adaptable domain specific architecture.

Participants

Nick Ni - Director of AI Products, Xilinx

Lunch Break

12:00 - 13:00
Tech for Good

Ava: Conversational Experiences Delivered

12:05 - 12:25
Sales, Marketing & CX

M&S has adopted Artificial Intelligence for Retail Stores and Customer Services as part of the enterprise digital transformation programme.

The solution runs on a custom-build, multi-cloud platform fondly called 'Ava'. Its success exceeded expectations on all counts: customer engagement and satisfaction as well as operational efficiency.

The presentation gives insights into what makes Ava and its ecosystem special: the people, the processes and the tools.

Participants

Bogdan Grigorescu - AI Platform Manager, Marks and Spencer

Artificial Intelligence in ESA

12:20 - 12:50
Optimise

Cognitive spacecraft powered by AI are expected to be a key enabler for supporting the co-existence of emerging and traditional satellite and terrestrial communication systems. In these scenarios, it is envisaged that the level of complexity for spectrum assignment and operational management will be extremely high.

In this talk, we will discuss some of the work and research the European Space Agency has been doing on the use of artificial intelligence and machine-learning techniques for overcoming those constraints and allow both the optimisation of use of spectrum and the feasibility of future space operations.

Additionally, we will discuss the impact of AI-based technologies for other SatCom use-cases as for example interference and anomaly detection and smart manufacturing. Furthermore, we will give an overview of the use of AI in Earth Observation, Space Exploration and Space Science.

Participants

Tomas Navarro - Future Projects Engineer, ESA

Artificial Intelligence & Machine Learning Approaches to Defense, Intelligence, & Security Challenges

12:25 - 12:55
Innovate

Participants

Brad Rhodes - Innovation Strategy Director IT Mass Market Dept., BAE System

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Panel - The Future of Predictive Medicine and Health Tech Innovation – What Kind of Cross-Industry Collaboration is Required to Deliver AI-Enabled, Patient-Centric Solutions

12:25 - 13:10
Healthcare

Participants

Moderator: Egbert Schillings - Commercial Director EMEA, Babylon Health

Asif Jan - Group Director, Personalized Healthcare (PHC) Data Science, Neuroscience Analytics, Roche

Mark Saroufim - AI Engineer, Graphcore

Konrad Dobschuetz - Commercial Director, Pfizer

Building an Intelligent CRM System to Enhance Understanding of Client Bases

12:25 - 12:45
Sales, Marketing & CX

In this session, Diana will touch on how Conde Nast is evolving their martech stack to unify customer data across the different channels, countries and publications and how AI enhances their capabilities. The customer data platform that is being implemented enables Conde Nast marketing teams to be more customer centric and to unlock insights that drive business growth.

Participants

Diana Comsa - Head of Customer Data, Condé Nast International

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Using AI to Operate a Power Plant – A Pilot Case Study

12:25 - 12:55
Manufacturing

Uniper, a power generator with more than 30GW of assets across different technologies has long been involved in creating digital engineering solutions. From condition monitoring to predictive maintenance, as well IIoT SaaS solutions such as Enerlytics, Uniper is taking the next step in automation of power plant operations by testing and utilizing AI technologies in day to day operations.

In this session, you will find out how a Neural Network is being used to support human operators to optimize combustion processes, specifically in a Waste2Energy plant. It shows that the neural network is able to understand the complexities of the processes with the result of higher operational efficiencies, lower emissions and more revenues.

In this presentation, we will discuss:

- How efficiency improvement has been achieved in the pilot projects
- The system adaption carried out to improve the operator experience
- Further optimizations and improvements that can be achieved with the neural network

Participants

Tobias Mathur - Head of AI Operations, Uniper

INVITE ONLY: Gathering Web Data at Scale

12:30 - 13:30
CxO Roundtables: VisionAIres

This session is upon invitation only. If you'd like to attend, please contact Natalia Stones to enquire at natalia@aibusiness.com

Join Con Conlon, CEO of Merit, a leading, global B2B tech data company, and his expert guests Allen O'Neill – CTO at The Dataworks and Madi Weland Solomon - Operational Taxonomist, in a wide ranging discussion looking at collecting, refining and enhancing data at scale, and taxonomy best practice. By sharing some case studies and video from eCommerce, Public Policy, Construction and the Automotive industries, the round table will look at how to gather different types of web data from disparate sources and how to refine splintered, raw data into information which is insightful and usable.

Discussion points:

- Data scraping robots, working on structured data points and unstructured narrative (news reports, pdfs, html…)
- How to find very granular data nuggets in large narrative text
- Scraping data at scale, such as eCommerce data
- Related issues around blocking, proxies and minimising infrastructure costs
- De-duping, enhancing and classifying (or tagging) data
- Unpicking taxonomy

Participants

Con Conlon - CEO, Merit Group

Cloudera Product Demo

12:30 - 12:40
Solutions Demonstrations

SINCLAIR: A Joint AI Research Lab on Critical Industrial Systems (and a major embodiment of France's national AI strategy)

12:40 - 13:10
Implement

Participants

Nicolas Bousquet - Head of AI & Simulation Lab, EDF Research and Development

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Artificial Solutions Product Demo

12:40 - 12:50
Solutions Demonstrations

SESSIONS
DAY 2 - 03/09/2020

Dedicated Networking, Exhibition Visit and Matchmaking

12:45 - 13:45
Sales, Marketing & CX

Buying a Ferrari for your teenager? You may want to think twice

12:50 - 13:30
Optimise

Data science teams have different levels of maturity and they need to be equipped with the right tools and infrastructure to make them more agile and ready. Here, I will be discussing a combination of open source tools and cloud managed services that can go hand-by-hand and grow with your data science teams needs as they mature.

Participants

Luis Vaquero - Director of Data, GoCo Group

Appen Product Demo

12:50 - 13:00
Solutions Demonstrations

Lunch Break and Exhibition Visit

12:55 - 13:25
Manufacturing

AI as a Force for Good: Challenges and Opportunities for NGOs

13:00 - 13:30
Tech for Good

Participants

Ursula Dolton - CTO, British Heart Foundation

Xilinx Product Demo

13:00 - 13:10
Solutions Demonstrations

Lunch Break and Exhibition Visit

13:10 - 13:45
Implement

Dedicated Networking, Exhibition Visit and Matchmaking

13:10 - 13:50
Healthcare

Pluralsight Product Demo

13:10 - 13:20
Solutions Demonstrations

Siemens Product Demo

13:20 - 13:30
Solutions Demonstrations

People at The Core of The Internet of Things

13:25 - 13:50
Manufacturing

Data analytics, machine learning and AI are often attributed, from an industrial perspective, to manufacturing processes and heavy equipment.

But what about the industrial worker? One of the great risks in modern manufacturing is the growing skills gap caused by large numbers of people retiring, and younger workers facing unfamiliar and infrequent, yet critical situations in the field.

Every year this situation accelerates. Learn about a "day in the life" of the next generation digital worker that takes advantage of AI, ML and Augmented & Virtual Reality to face these challenges.

Participants

Vincent Higgins - General Manager, Digital Transformation & Workforce Competency, Honeywell Process Solutions

Cutting through the hype to successfully deploy real-world machine learning

13:30 - 14:00
Initiate

AI and machine learning are poised to revolutionize practically every aspect of how we live and work, touching areas such as product fulfillment, logistics, personalization, language understanding, and computer vision, and unlocking new possibilities like self-driving cars and curing disease. While it may sometimes feel like machine learning is being deployed everywhere already, we're still in the early days of adoption and many organizations are still figuring out the right path to success. Swami Sivasubramanian, VP of AI at Amazon Web Services, will discuss the most common roadblocks that keep organizations from transforming their products and businesses with machine learning and a leader's role in the machine learning journey.

Participants

Swami Sivasubramanian - VP of AI, Amazon Web Services

Lunch Break and Exhibition Visit

13:30 - 14:00
Optimise

The World After DeepFake: Building Trust in a Post-truth Era

13:30 - 14:00
Tech for Good

How can we ensure that AI is going is in the right direction, while some of its applications already challenge the foundations of our societies? Beyond transparency and explainability, what guarantees may we expect to ensure a safe development of AI?

Participants

Hubert Etienne - AI Ethics research at Facebook AI, Ecole Normale Supérieure & Facebook AI Research

"Refreshing" The Coca-Cola Company as a Technology and Analytics-Driven Enterprise

13:45 - 14:10
Implement

By definition, The Coca-Cola Company is not a tech company and does not operate like one...until recently. Back in June 2019, the Central & Eastern European Business Unit (CEEBU) of the Company moved towards an agile way of working, rethinking itself as a technology driven company and embracing AI disruption within the franchised distribution system of TCCC.

This presentation covers the following:

- Key strategies to achieve leadership team buy-in for AI
- Understanding the business challenges and translating them to data science problems
- Teaching your employees how to ask the right questions
- Designing a team structure and establishing ways of working that support AI programme implementation

Participants

Alexandros Tzitzeras - Lead Data Scientist - Analytics Manager, The Coca-Cola Company

Digitally Transforming a UK Health Charity, Versus Arthritis, Through Innovation and Emerging Tech

13:45 - 14:05
Sales, Marketing & CX

Versus Arthritis share their examples of innovation in the not-for-profit health sector, where design thinking has resulted in several projects including an AI-powered virtual agent and a tool which brings research to life; scaling up their ability to support people with musculoskeletal conditions like arthritis to self-manage their conditions.

Versus Arthritis share their transformative journey from inception to delivery, the challenges they faced, what they learnt, and their roadmap to integrate service design thinking and AI into the wider organisation.

Participants

Ellen Ward - Artificial Intelligence Delivery Manager, Versus Arthritis

Danni Coxon-Smith - Senior Digital Content Editor, Versus Arthritis

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BABYLON HEALTH KEYNOTE - TITLE TBA

13:50 - 14:15
Healthcare

Participants

Umang Patel - Managing Director - NHS Services, Babylon Health

Accelerating Industrial IoT Project Deployment

13:50 - 14:15
Manufacturing

The Industrial Internet Consortium, now six years old, has approved over thirty testbeds. IIC testbeds are where the innovation and opportunities of the industrial internet – new technologies, new applications, new products, new services, new processes, new business models – can be initiated, thought through and rigorously tested to ascertain their usefulness and viability before coming to market. While IIC testbeds have specific goals tied to the business objectives of the vendors and end users who fund them, companies embarking on IIoT pilots and projects can learn a lot from them.

This presentation outlines some learnings in:

- Project initiation – approaching management for funding an IIoT project
- IT/OT mismatch – dealing with the cultural and human differences in information technology (IT) vs. operational technology (OT)
- Human factors – including managing people's concerns about IIoT pilot/project risks and fears about job relevance
- Other typical roadblocks – determining the IIoT technologies appropriate for the deployment context, dealing with limited resources an uncertain timeline, disruptive trials in production environment, integrating a diverse set of technologies and standards, developing analytics models without a large quantity of data, among others.

Participants

Stephen Mellor - Chief Technical Officer, Industrial Internet Consortium

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Accelerating to the New Normal: How Technology and Digital Innovation is Powering GSK through the Pandemic

14:00 - 14:30
Initiate

Participants

Karenann Terrell - Chief Digital & Technology Officer, GSK

Fireside Chat - In Conversation with Andrew Tsonchev, Director of Technology at Darktrace

14:00 - 14:30
Optimise

Interviewer TBA

Participants

Andrew Tsonchev - Director of Technology, Darktrace

Building Real-World and Ethical AI Solutions Through Global Collaboration

14:00 - 14:15
Tech for Good

Participants

Rudradeb Mitra - CEO & Founder, Omdena

MLOps: Navigating the Many and Varied Roads to Repeatable Data Science

14:00 - 15:00
AI Project Labs

As it turns out, building an impactful data science experiment with Machine learning (ML) is not all that difficult, at least in comparison with the challenge of putting that experiment into production and keeping it there. This workshop will discuss and analyze a number of emerging methods and technologies available to data scientists, data engineers, and developers that promise to strip away technical debt and speed time to market for crucial ML projects.

Participants

Brad Shimmin - Chief Analyst - AI Platforms, Data & Analytics, Omdia

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AI Driven Growth Strategies: 4 Essential Building Blocks for Success

14:05 - 14:25
Sales, Marketing & CX

Is artificial intelligence (AI) a focus of your near term growth strategy? If so, you likely have a lot of questions about how AI will effectively work with your current technology stack to increase incremental revenue growth, without breaking your budget.

Join Daniel Dowling, Global Head of Marketing at Introhive, as he outlines the four fundamental building blocks of an AI growth strategy.

This session will delve into the maturity curve of AI growth strategies including;

- How to create a self-healing CRM database that is compliant with global privacy law
- Leveraging clean data to deliver real-time sales intelligence to teams
- Automating relationship intelligence to scale growth and improve winnability
- How to deliver a quick return on AI investment (ROAI)

Participants

Daniel Dowling - Global Head of Marketing, Introhive

How Sharing Data Supports Open and Trustworthy Innovation

14:10 - 14:35
Implement

Unlocking the full value of data, whether as a source for innovation in AI or to tackle the biggest challenges of our time – means sharing more of it. But businesses can struggle with sharing data with others. It can be seen as a commercial and legal risk, and the value exchange and business model that underpins sharing data can be unclear. As a consequence, data sharing may feel like a leap of faith.

In this talk, Jeni will discuss research conducted at ODI into the tangible benefits experienced by businesses who share data, some tools for thinking through when and how to share data, and the latest thinking on the role of intermediaries in facilitating the flow of data to maximise its positive impact and minimise potential harms.

Participants

Jeni Tennison - Vice President and Chief Strategy Adviser, Open Data Institute

"But Does it Do What it Says on The Tin?" Developing an Evidence Base for AI Technology in Healthcare

14:15 - 14:40
Healthcare

AI technology holds out immense promise to transform cancer care, but this does not obviate the need for a robust evidence base that demonstrates value, and that meets the same evidence standards as any other medical intervention. When the marketing hype surrounding AI in health care is peeled away however, the evidence is sparse.

Danny will propose a draft AI validation framework and argue that the characteristics of AI technology require a different approach to real world clinical evaluation, and a much more collaborative relationship between industry, academic research and clinical practice. Danny will use a recent case study from Guy's clinical evaluation of IBM Watson's clinical decision support tool in breast cancer.

Participants

Danny Ruta - AI Clinical Lead and Co-Director, Guy's Cancer Centre and Guy's Cancer AI Clinical Evaluation Unit

Bringing AI to The Shop Floor

14:15 - 14:45
Manufacturing

- How is AI transforming manufacturing & shop floor today?
- What are some real use cases and challenges in implementing AI?
- How will future of work change role of manufacturing operator?

Participants

Abhinav Singhal - Chief Strategy & Innovation Officer, Thyssenkrupp

Afternoon Networking Break

14:15 - 14:55
Tech for Good

Your Action Plan: How to Harness AI in Sales, Marketing and CX

14:25 - 14:55
Sales, Marketing & CX

Join us for a session delivered by Katie King on how you can go about delivering on your AI for Marketing Roadmap - expect practical takeaways and world-class insights.

- Establishing the need of a data-first approach: What next?
- Identifying roadblocks and how to overcome them
- A 'how to' guide: Optimising operations and improving efficiencies
- Measuring AI ROI

Participants

Katie King - Member of UK Government APPG for AI Adoption, Editorial Board Member for AI and Ethics Journal & AI Marketing Trainer, AI Academy

Predictions without Optimisation Have No Inherent Value - How and When Business Optimised AI Powers Successful Organisations

14:30 - 15:05
Optimise

With businesses facing unprecedented uncertainty, some companies have turned to AI looking for "an answer." But these businesses are already on the wrong track - any AI that produces a single answer for how to navigate the months ahead is bound to be wrong. The fact is, business assumptions and expectations are changing so fast that any answer AI comes up with will soon be invalid.

Aible co-founder - Jonathan Wray - presents strategies which ensure Business Led AI success. Jonathan walks through real world examples showing why "75% of AI projects remain at the prototype level as AI experts and organizational functions cannot engage in productive dialogue". Jonathan shows us strategies of how AI and Business work together seamlessly and at scale in order to release the immense power of AI for Businesses like yours.

Participants

Jonathan Wray - Co-Founder, Aible

The Impacts of Technology on The Society of The Future

14:35 - 15:00
Implement

Over the past 10 years, the world has changed drastically, and with that the behavior of people has changed as well.

The biggest question is not how much corporations are ready to embrace this era of automation or AI, but rather whether society is ready to acknowledge it and prepared to handle it in an efficient way. Aspects such as education, political environment, and change management will become even more relevant for the generations to come.

Are we ready for that? Are we doing everything we can?

Participants

Rui Pedro Silva - Head of Product at A.P.Maersk, Maersk e-Commerce Logistics

AI & Analytics - Enablers of Better Patient Care in a (post-) COVID World

14:40 - 15:05
Healthcare

The COVID-19 pandemic has drastically impacted healthcare and accelerated the pace of technological change. As hospitals become overwhelmed with infected patients, elective procedures are often postponed creating new challenges for care providers.

The result is a current decrease in demand, but a greater demand may occur following the pandemic as delayed procedures are scheduled.

This non-technical session outlines how AI solutions are enabling better patient care today on different levels of care provision: directly at the point of care, at a departmental level and at a hospital system level. You'll hear about 3 concrete AI use cases that can help care providers to improve clinical and operational performance and to address challenges caused by the pandemic.

Participants

Simon Rost - Marketing Director (CMO), GE Healthcare

Panel Discussion: Can AI Empower NGOs and Benefit Social Good?

14:55 - 15:40
Tech for Good

Can AI benefit social good? What are the most pressing problems for NGOs and what are the AI tools there are available? Can technology advances have a real positive impact on the lives of people in poor countries?

Participants

Tom Chatfield - Author, Broadcaster, Tech Philosopher, Author

Stijn Broecke - Senior Economist, Directorate for Employment, Labour and Social Affairs, The Organisation for Economic Co-operation and Development (OECD)

Elaine Weidman-Grunewald - Co-founder, AI Sustainability Center

Transforming our world with AI

15:00 - 15:30
Initiate

Advances in artificial intelligence will transform the way we live and work and present a significant global opportunity with far-reaching impacts on society and the economy.

By building on and investing in AI research and innovation we can contribute towards the vision of the Government's R&D roadmap to build a fairer, healthier, more prosperous and more resilient society. At a time when societies across the globe are feeling the impact of COVID-19, AI research and innovation can help us build back better, attracting and developing talented people, creating new businesses and attracting inward investment to the UK, providing opportunities and benefits across the regions and nations of the UK.

In this session, we will explore, with a panel of experts, the role of the UK research and innovation community in the development of next generation AI technologies, with the capabilities to be responsible and trustworthy, and which are designed and developed to truly tackle the key economic, societal and environmental challenges facing the UK.

Participants

Wendy Hall - Regius Professor of Computer Science, University of Southampton

Adrian Smith - Institute Director and Chief Executive, The Alan Turing Institute

Adrian Johnston - Director, Digital Catapult

Charlotte Dean - Deputy Executive Chair, EPSRC

Lynn Gladden - Executive Chair, EPSRC

Dedicated Networking, Exhibition Visit and Matchmaking

15:00 - 15:30
Implement

INVITE ONLY: Skilling up for tomorrow's AI

15:00 - 16:00
CxO Roundtables: VisionAIres

Join James Aylward, Pluralsight's SVP of Learner Experiences for an in-depth conversation about how to launch and scale AI products, up-skilling for modern technology roles, and staying adaptable to innovate faster.

Participants

James Aylward - SVP, Head of Leaner, Pluralsight

State of Edge Services in Europe

15:05 - 15:30
Optimise

Post Covid-19 will be an intelligence driven economy. There is a growing push by enterprises to put more application at the edge that will enable them to extract intelligence faster and deliver insights that will give them a competitive advantage in the digital world. What are the applications that enterprises are pushing to the edge and what are the building blocks to build that intelligent enterprise.

Participants

Adrian Ho - Practice leader - Enterprise Advanced Digital Services, Omdia

The Case for Human Behaviour Design in Robotics Process Automation

15:30 - 15:50
Implement

Join this talk to hear about how a development bank has moved from POC to an automation practice, by tapping into the behaviours of its workforce.

Participants

Ecaterina Harling - Head of IT Innovation, EBRD

Saudi Aramco Digital Transformation Journey

15:30 - 16:00
Optimise

At Saudi Aramco, the established digital transformation program is based on a value-driven approach. The aim of the program is to transform the business by adopting enabling technologies that drive the change. As the DT program is for the entire company its scope is to cover across exploration, production and transportation in addition to the service organizations including Finance, IT, HR etc.

In the session Sarah will share the journey of Saudi Aramco's in its digital transformation and highlight some of the success stories and challenges that needed to be overcome.

Participants

Sarah Alduayj - Business Systems Analyst, Digital Transformation, Saudi Aramco

AI Maturity 2020 – State of Market for AI Adoption Amidst Uncertainty

15:30 - 16:30
AI Project Labs

Pioneering AI solutions providers and end-user companies have moved from proofs-of-concept to live deployments of AI solutions over the past few years. This session will touch upon some of the results of a recent Omdia survey that uncovers the state of the market in terms of AI adoption and level of maturity, the use cases and verticals gaining traction, the challenges that enterprises face in AI adoption, the AI best practices and strategies that resonate with companies, and the outlook of AI amidst the Covid-19 fallout. The discussion will be largely focused on the global and EMEA-based responses of the survey.

Participants

Aditya Kaul - AI Research Director, Omdia

Italian Trade Agency Company Demo

15:30 - 15:40
Solutions Demonstrations

Addressing Human Rights on AI Principles: Diversity, Inclusivity and Sustainability

15:40 - 16:15
Tech for Good

Participants

Elaine Weidman-Grunewald - Co-founder, AI Sustainability Center

Ecem Yılmazhaliloğlu - Founder, Techoladies

Honeywell PS Services Demo

15:40 - 15:50
Solutions Demonstrations

Gaining Business Value from AI – Governance Imperatives

15:50 - 16:10
Implement

- New approaches to human thinking for better AI implementation
- A closer look at governing and gaining value from location data
- Exploring the range of novel and advanced AI technologies which will have an impact on organisations' AI projects in the next decade

Participants

Richard Self - Senior Lecturer in Governance of Advanced and Emerging Technologies, University of Derby

Talend Product Demo

15:50 - 16:00
Solutions Demonstrations

Julia Computing Services Demo

16:00 - 16:10
Solutions Demonstrations

Enabling a Safety Childhood in the Age of Artificial Intelligence

16:15 - 16:40
Tech for Good

Participants

Joanna Rubinstein - President, World Childhood Foundation

INVITE ONLY: In conversation with Ken Mertzel and Automation Anywhere - Transforming the Financial Services Industry

16:15 - 17:15
CxO Roundtables: VisionAIres

Participants

Ken Mertzel - Global Industry Leader – Financial Services, Automation Anywhere

Children Safety and Recovery (Censer) System for Abducted Children in India

16:40 - 17:00
Tech for Good

Participants

Amarjot Singh - CEO & Founder, SkyLark Labs

Chairperson's Closing Remarks

17:00 - 18:00
Tech for Good

Participants

Devin Krotman - Director, XPRIZE

SCHEDULE
DAY 2 - 03/09/2020

TIME	AI PROJECT LABS	CXO ROUNDTABLES: VISIONAIRES	HEALTHCARE	IMPLEMENT	INITIATE	INNOVATE	MANUFACTURING	OPTIMISE	SALES, MARKETING & CX	SOLUTIONS DEMONSTRATIONS	TECH FOR GOOD
09:00				**09:45** - Chair's Opening Remarks			**09:55** - Chair's Opening Keynote - A Scene Set for AI in Manufacturing	**09:40** - Chair's Opening Remarks	**09:45** - Chairperson's Welcome and Opening Remarks **09:55** - (Responsible use of AI)²		**09:50** - Chairperson's Welcome
10:00			**10:05** - Welcome from Chair and Healthcare Summit Plenary **10:20** - AI for Personalised Healthcare - Sharing Opportunities and Challenges from a Pharma Perspective **10:50** - AI Ethics in Healthcare at The World Economic Forum – Case Study	**10:00** - Pushed to an Inflection Point - Why Healthcare's Digital Moment is Now **10:30** - Creating the Industry 4.0 Innovation Practice in a 260 Year Old Firm	**10:20** - Welcome to The AI Summit London 2020 **10:30** - The difference between transformation and innovation	**10:00** - AI Optimising Energy Trading: Opportunities and Challenges **10:30** - Innovate Showcase : Part 4	**10:25** - AI in Manufacturing – Concrete Applications and Challenges to Operationalize AI **10:50** - Power of Industrial AI	**10:10** - Securing the Future of Work **10:40** - To the Cloud and Back: Considerations for Running Machine Learning Workloads in a Hybrid Cloud World	**10:15** - Fireside Chat: AI's Potential Impact on Enterprise Software **10:35** - Role of Machine Learning in Foreseeing the Future and Optimising the Present in a Disruptive Environment **10:55** - Dedicated Networking, Exhibition Visit and Matchmaking		**10:00** - Utilising AI to Reduce Carbon Emissions, Improve Efficiencies, Reduce waste and Combat Climate Change **10:30** - How do We Govern Intelligent Machines: Policy in AI

SCHEDULE
DAY 2 - 03/09/2020

TIME	AI PROJECT LABS	CXO ROUNDTABLES: VISIONAIRES	HEALTHCARE	IMPLEMENT	INITIATE	INNOVATE	MANUFACTURING	OPTIMISE	SALES, MARKETING & CX	SOLUTIONS DEMONSTRATIONS	TECH FOR GOOD
11:00			**11:15** - Dedicated Networking, Exhibition Visit and Matchmaking **11:40** - Data Diversity Efforts at BenevolentAI	**11:00** - Dedicated Networking, Exhibition Visit and Matchmaking **11:35** - Organizing for AI Adoption, Delivering for Agility	**11:00** - The evolving AI IT infrastructure from cloud to edge	**11:00** - Morning Networking Break & Exhibition Visit **11:30** - Innovate Showcase : Part 5 **11:55** - From Automating Specific Processes to Fully Cognitive Business Assistant	**11:15** - Coffee and Networking Break	**11:10** - Dedicated Networking, Exhibition Visit and Matchmaking **11:40** - Getting Regulation Right: Lessons from the AI Barometer	**11:40** - Implementing Newsroom Reporting Tools at The Times		**11:00** - AI Social Responsibility **11:30** - AI-driven Sign Language Translation Empowers Deaf Community

SCHEDULE
DAY 2 - 03/09/2020

TIME	AI PROJECT LABS	CXO ROUNDTABLES: VISIONAIRES	HEALTHCARE	IMPLEMENT	INITIATE	INNOVATE	MANUFACTURING	OPTIMISE	SALES, MARKETING & CX	SOLUTIONS DEMONSTRATIONS	TECH FOR GOOD
12:00		**12:30** - INVITE ONLY: Gathering Web Data at Scale	**12:00** - Machine Learning over Real World Data for Accelerating Pharmaceutical Development **12:25** - Panel - The Future of Predictive Medicine and Health Tech Innovation – What Kind of Cross-Industry Collaboration is Required to Deliver AI-Enabled, Patient-Centric Solutions	**12:00** - Panel Discussion: AI x Policy: Driving Responsible and Scalable Data Governance Best Practice – Looking Ahead at How External Stakeholders and Governmental Regulations Will Influence Data Strategy **12:40** - SINCLAIR: A Joint AI Research Lab on Critical Industrial Systems (and a major embodiment of France's national AI strategy)	**12:00** - Investing in emerging tech - making the business case to back unproven technology	**12:25** - Artificial Intelligence & Machine Learning Approaches to Defense, Intelligence, & Security Challenges	**12:00** - Can Specialized AI Chips Solve my AI Productization Challenges? **12:25** - Using AI to Operate a Power Plant – A Pilot Case Study **12:55** - Lunch Break and Exhibition Visit	**12:20** - Artificial Intelligence in ESA **12:50** - Buying a Ferrari for your teenager? You may want to think twice	**12:05** - Ava: Conversational Experiences Delivered **12:25** - Building an Intelligent CRM System to Enhance Understanding of Client Bases **12:45** - Dedicated Networking, Exhibition Visit and Matchmaking	**12:30** - Cloudera Product Demo **12:40** - Artificial Solutions Product Demo **12:50** - Appen Product Demo	**12:00** - Lunch Break

SCHEDULE
DAY 2 - 03/09/2020

TIME	AI PROJECT LABS	CXO ROUNDTABLES: VISIONAIRES	HEALTHCARE	IMPLEMENT	INITIATE	INNOVATE	MANUFACTURING	OPTIMISE	SALES, MARKETING & CX	SOLUTIONS DEMONSTRATIONS	TECH FOR GOOD
13:00			**13:10** - Dedicated Networking, Exhibition Visit and Matchmaking **13:50** - BABYLON HEALTH KEYNOTE - TITLE TBA	**13:10** - Lunch Break and Exhibition Visit **13:45** - "Refreshing" The Coca-Cola Company as a Technology and Analytics-Driven Enterprise	**13:30** - Cutting through the hype to successfully deploy real-world machine learning		**13:25** - People at The Core of The Internet of Things **13:50** - Accelerating Industrial IoT Project Deployment	**13:30** - Lunch Break and Exhibition Visit	**13:45** - Digitally Transforming a UK Health Charity, Versus Arthritis, Through Innovation and Emerging Tech	**13:00** - Xilinx Product Demo **13:10** - Pluralsight Product Demo **13:20** - Siemens Product Demo	**13:00** - AI as a Force for Good: Challenges and Opportunities for NGOs **13:30** - The World After DeepFake: Building Trust in a Post-truth Era
14:00	**14:00** - MLOps: Navigating the Many and Varied Roads to Repeatable Data Science		**14:15** - "But Does it Do What it Says on The Tin?" Developing an Evidence Base for AI Technology in Healthcare **14:40** - AI & Analytics - Enablers of Better Patient Care in a (post-) COVID World	**14:10** - How Sharing Data Supports Open and Trustworthy Innovation **14:35** - The Impacts of Technology on The Society of The Future	**14:00** - Accelerating to the New Normal: How Technology and Digital Innovation is Powering GSK through the Pandemic		**14:15** - Bringing AI to The Shop Floor	**14:00** - Fireside Chat - In Conversation with Andrew Tsonchev, Director of Technology at Darktrace **14:30** - Predictions without Optimisation Have No Inherent Value - How and When Business Optimised AI Powers Successful Organisations	**14:05** - AI Driven Growth Strategies: 4 Essential Building Blocks for Success **14:25** - Your Action Plan: How to Harness AI in Sales, Marketing and CX		**14:00** - Building Real-World and Ethical AI Solutions Through Global Collaboration **14:15** - Afternoon Networking Break **14:55** - Panel Discussion: Can AI Empower NGOs and Benefit Social Good?

SCHEDULE
DAY 2 - 03/09/2020

TIME	AI PROJECT LABS	CXO ROUNDTABLES: VISIONAIRES	HEALTHCARE	IMPLEMENT	INITIATE	INNOVATE	MANUFACTURING	OPTIMISE	SALES, MARKETING & CX	SOLUTIONS DEMONSTRATIONS	TECH FOR GOOD
15:00	**15:30** - AI Maturity 2020 – State of Market for AI Adoption Amidst Uncertainty	**15:00** - INVITE ONLY: Skilling up for tomorrow's AI		**15:00** - Dedicated Networking, Exhibition Visit and Matchmaking **15:30** - The Case for Human Behaviour Design in Robotics Process Automation **15:50** - Gaining Business Value from AI – Governance Imperatives	**15:00** - Transforming our world with AI			**15:05** - State of Edge Services in Europe **15:30** - Saudi Aramco Digital Transformation Journey		**15:30** - Italian Trade Agency Company Demo **15:40** - Honeywell PS Services Demo **15:50** - Talend Product Demo	**15:40** - Addressing Human Rights on AI Principles: Diversity, Inclusivity and Sustainability
16:00		**16:15** - INVITE ONLY: In conversation with Ken Mertzel and Automation Anywhere - Transforming the Financial Services Industry								**16:00** - Julia Computing Services Demo	**16:15** - Enabling a Safety Childhood in the Age of Artificial Intelligence **16:40** - Children Safety and Recovery (Censer) System for Abducted Children in India

SCHEDULE
DAY 2 - 03/09/2020

TIME	AI PROJECT LABS	CXO ROUNDTABLES: VISIONAIRES	HEALTHCARE	IMPLEMENT	INITIATE	INNOVATE	MANUFACTURING	OPTIMISE	SALES, MARKETING & CX	SOLUTIONS DEMONSTRATIONS	TECH FOR GOOD
17:00											**17:00** - Chairperson's Closing Remarks